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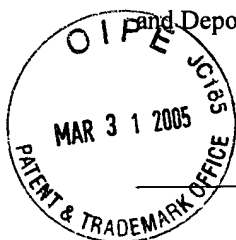
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MARITZA O'NEILL

**CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. 1.10**

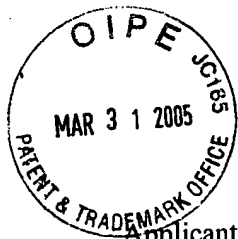
Applicant : Hyunchul C. Kim *et al.*  
 Serial No. : 10/670,413  
 Date of Filing : September 24, 2003  
 Title : *APPARATUS AND METHOD OF USING THIN FILM MATERIAL  
 AS DIFFUSION BARRIER FROM METALLIZATION*  
 Art Unit : 2826  
 Examiner : Leonardo Andujar  
 Attorney Docket No. : 112624.00087

**MS Amendment**

Commissioner for Patents  
 U.S. Patent & Trademark Office  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**Type of Filing:**

- 1) Supplemental Information Disclosure Statement
- 2) Form PTO-1449 (2 pages)
- 3) Return receipt postcard



**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

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Examiner : Leonardo Andujar

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. § 1.97**

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**MS AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sir:

Applicant hereby brings to the attention of the Examiner the documents noted on the accompanying Form PTO-1449. This Information Disclosure Statement is being filed prior to the mailing date of a first Office Action.

Please note that the information contained in this Supplemental Information Disclosure Statement was cited in a counterpart foreign application not more than three months prior to the filing of this statement. Specifically, the information was cited in PCT application No. PCT/US03/30244 in an International Search Report, mailed March 22, 2005.

It is respectfully requested that the information cited herein be expressly considered during the prosecution of this application and made of record on any patent to issue therefrom. Inclusion of a reference on the enclosed Form PTO-1449 is not to be construed as indicating the reference is prior art with respect to the subject application. Provision of this Supplemental Information Disclosure Statement is not to be taken as evidence that a search has been conducted.

No fee is believed due with this mailing. The Commissioner is hereby authorized to charge any fees that may be due to Deposit Account No. 17-0055.

Respectfully submitted,  
**QUARLES & BRADY STREICH LANG LLP**

By: \_\_\_\_\_

Robert D. Atkins, Reg. No. 34,288

Attorney Docket No. 112624.00087  
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*(Use as many sheets as necessary)*

Sheet	1	of	2
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Application Number	10/670,413
Filing Date	September 24, 2003
First Named Inventor	Hyunchul C. Kim
Art Unit	2826
Examiner Name	Leonardo Andujar
Attorney Docket Number	112624.00087

[illegible][illegible]Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*

**Complete if Known**

<b>Application Number</b>	10/670,413
<b>Filing Date</b>	September 24, 2003
<b>First Named Inventor</b>	Hyunchul C. Kim
<b>Art Unit</b>	2826
<b>Examiner Name</b>	Leonardo Andujar
<b>Attorney Docket Number</b>	112624.00087

*(Use as many sheets as necessary)*

Sheet

2

of

2

Attorney Docket Number

112624.00087

[illegible]Date  
Considered

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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